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#### General Information

|                |  |
|----------------|--|
| Series         | A780                                   |
| Dielectric     | Hybrid Polymer                         |
| Style          | SMD Can                                |
| Description    | Surface Mount, Hybrid Aluminum Polymer |
| RoHS           | Yes                                    |
| Lead           | V-Chip                                 |
| Qualifications | AEC-Q200                               |
| Halogen Free   | Yes                                    |
| Shelf Life     | 52 Weeks                               |
| MSL            | 1                                      |

#### Dimensions

|   |                |
|---|----------------|
| D | 8mm +/-0.5mm   |
| L | 9.7mm +/-0.3mm |
| W | 8.3mm +/-0.2mm |
| H | 8.3mm +/-0.2mm |
| C | 9mm +/-0.2mm   |
| P | 3.1mm NOM      |
| R | 0.8 - 1.1mm    |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 380mm |
| Packaging Quantity | 500        |

#### Specifications

|                         |                          |
|-------------------------|--------------------------|
| Capacitance             | 68 uF                    |
| Tolerance               | 20%                      |
| Voltage DC              | 50 VDC, 57.5 VDC (Surge) |
| Temperature Range       | -55/+125°C               |
| Rated Temperature       | 125°C                    |
| Life                    | 4000 Hrs                 |
| Dissipation Factor      | 10% 120Hz 20C            |
| ESR                     | 35 mOhms (100kHz 20C)    |
| Ripple Current          | 1400 mAmps (100kHz 125C) |
| High Temperature Solder | Yes                      |
| Leakage Current         | 34 uA (2min 20°C)        |

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